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60607. *Isometry groups and maximal symmetry.*

I shall present some recent work on the structure of groups acting by isometries on separable reflexive Banach spaces. In particular, this will treat the so called Fredholm group of small perturbations of scalar multiples of the identity and other small subgroups of the isometry group. This is joint work with V. Ferenczi. (Received June 26, 2011)